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2015

## Department of Information Systems & Supply Chain Management Annual Report, 2014-2015

Raj Soin College of Business, Wright State University

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DEPARTMENT OF INFORMATION SYSTEMS &  
SUPPLY CHAIN MANAGEMENT

# ANNUAL REPORT

2014-2015



RAJ SOIN  
College of Business  
WRIGHT STATE  
UNIVERSITY  
CHANGING LIVES





# WELCOME

Welcome to the Annual Report of the Department of Information Systems & Supply Chain Management for the school year of 2014-15.

I hope you all had a fruitful year filled with accomplishments and joy. The ISSCM Department continues to grow and to fulfill our mission to educate and prepare our students for careers in both Supply Chain Management and Information Systems.

This report documents some of the major achievements of our students and faculty and the collaboration with our business partners and communities. I hope you enjoy reading it.

Dr. Shu Schiller, Chair & Associate Professor

June 11<sup>th</sup>, 2015

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# OUR MOMENTS

# QUICK FACTS



- The ISSCM department has **11** full time faculty, **1** full time director, and **2** staff
- We have **138** MIS and **64** SCM majors including pre- and intended majors



- In the 2014-2015 school year, the ISSCM department taught a total of **144** sections of classes with a total of **8,385** student credit hours



- In the past five years, the faculty published **39** peer reviewed articles in academic journals and had **over 100** conference presentations and publications in conference proceedings



# STUDENT SUCCESS

WRIGHT STATE UNIVERSITY  
**NEWSROOM**

Thursday  
June 4, 2015

NEWSACADEMICS

SOCIAL MEDIA

FOR THE MEDIA

CONTACT US

WRIGHT STATE  
UNIVERSITY MAGAZINE

Dialogue

Business

Education

Engineering & Computer Sci.

Lake Campus

Liberal Arts

Medicine

Nursing

Prof. Psychology


Science & Math

## Wright State graduate Karen Hamby keeps Air Force planes flying

By Bob Mihalek  
bob.mihalek@wright.edu, (937) 912-0637  
June 4, 2015

Share / Save

Permalink




Karen Hamby, who earned an M.S. degree in logistics and supply chain management from Wright State, is team leader in the C-5 acquisition program office at Wright-Patterson Air Force Base, overseeing modifications to the planes so they remain airborne, viable and safe.

### WRIGHT STATE HEADLINES

JUN 4

**Wright State graduate Karen Hamby keeps Air Force planes flying**  
Karen Hamby may not be a pilot, but the Wright State grad is responsible for keeping a fleet of Air Force cargo planes flying.  
[Continue reading →](#)



- **Karen Hamby**, Outstanding Graduate in the M.S. in Logistics & Supply Chain Management program is featured in the university Newsroom on June 4<sup>th</sup>, 2015
- <http://webapp2.wright.edu/web1/newsroom/2015/06/04/wright-state-graduate-karen-hamby-keeps-air-force-planes-flying/>



# STUDENT SUCCESS



- Dan Darkow, an MIS major, received the **Distinguished Outstanding Senior Leader Award** given by the Office of Student Activities and the Office of the Vice President for Student Affairs



# STUDENT SUCCESS

- **Internship Programs**
  - 10 MIS & SCM students completed internship programs
- **Capstone Projects & Service Learning**
  - 1,880 hours of work were completed by the MIS seniors in their capstone courses





# STUDENT SUCCESS

- Supply Chain capstone teams successfully completed projects with **Honda** and **Regal**



# STUDENT SUCCESS



Congratulations to **Jon Scruggs** and **Daniel George** (Master of Information Systems Alumni) and the Hobart Service IT Infrastructure Team for winning Technology First's Leadership Award for Outstanding Technology Team!



# SCHOLARSHIPS

- *Smith-Daniels Scholarship*  
Sarah Tritle
- *Coleman Scholarship*  
Richard Kensinger  
Sarah Tritle
- *Denison Scholarship*  
Raneem Barri
- *Hamister Scholarship*  
Richard Kensinger





# SCHOLARSHIPS

- *ISSCM Scholarship*  
Ambika Sivagnanam  
Sarika Sivagnanam  
Jason Holloway
- *Lighthouse Scholarship*  
Megan Walker

- *McKenna Scholarship*  
Nicholas Harvey
- *AFCEA Scholarship*  
Joshua Rowland  
Madison Susey



# AWARDS

- Outstanding MIS Graduating Senior  
Rachael Francis
- Outstanding SCM Graduating Senior  
Bubacarr Sonko
- Student Service Award – MIS  
Adam Jutte
- Student Service Award – SCM  
Nathan Dibble



# OTHER HIGHLIGHTS

Established the ISSCM Advisory Board

Master Programs are nationally ranked by US News

Launched e-newsletter and completed 4 volumes

Redesigned website; started Search Engine Optimization and organic search campaign



Retooled the ISSCM LinkedIn group



Added Flickr page



Started YouTube channel





# KEY EVENTS

# KEY EVENTS 2014



- Wright Brothers Day, Oct 2, 2014
- Business Keynote: Analytics Unleashed, Oct 16, 2014



- Business Palooza, Oct 21, 2014
- Office Halloween, Oct 31, 2014
- ISSCM Advisory Board Meeting, Nov 7, 2014
- Raider Open House, Nov 8, 2014



- Student Round Table, Nov 21, 2014
- Holiday Office Party, Dec 8, 2014
- Master Programs Hooding, Dec 19, 2014



# KEY EVENTS 2015



- Master Residency, Jan 9, 2015
- Invited speakers from [Standard Register](#) and [Crown](#), Feb 11, 2015
- Digital Mixer, Feb 17, 2015



- [CareSource](#) Invited Talk, Feb 26, 2015
- Raider Open House, Feb 28, 2015
- Invited speaker from [R&L Carrier](#), Mar 9, 2015
- Master Discovery Day, Mar 20, 2015



- CareSource Deep Dive Workshop, Mar 25, 2015
- Graduate Student Awards, Apr 22, 2015
- Beta Gamma Sigma, Apr 23, 2015

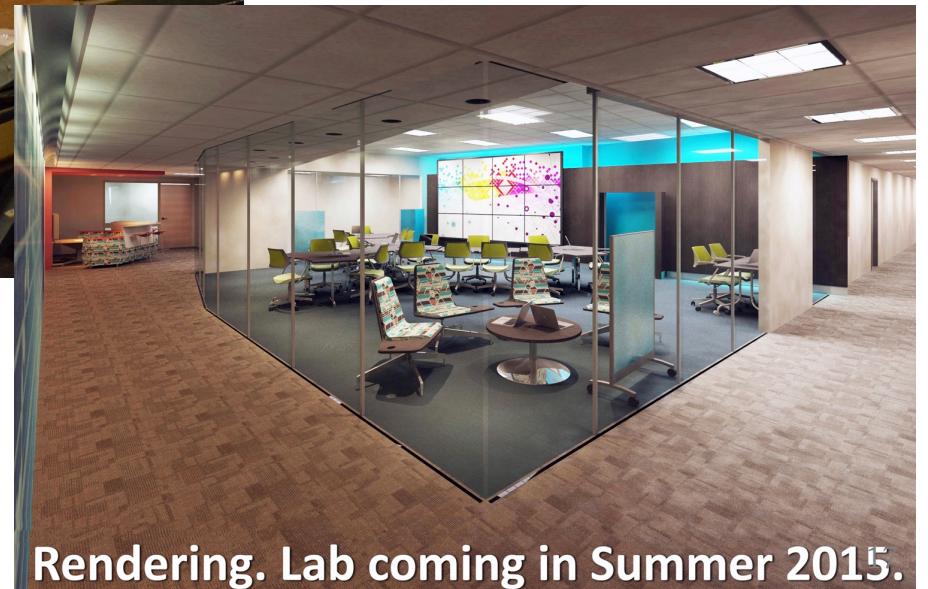


- April Craze, Apr 24, 2015
- ISSCM Awards Dinner, Apr 29, 2015
- Taste of Masters, May 2, 2015

# DAVE



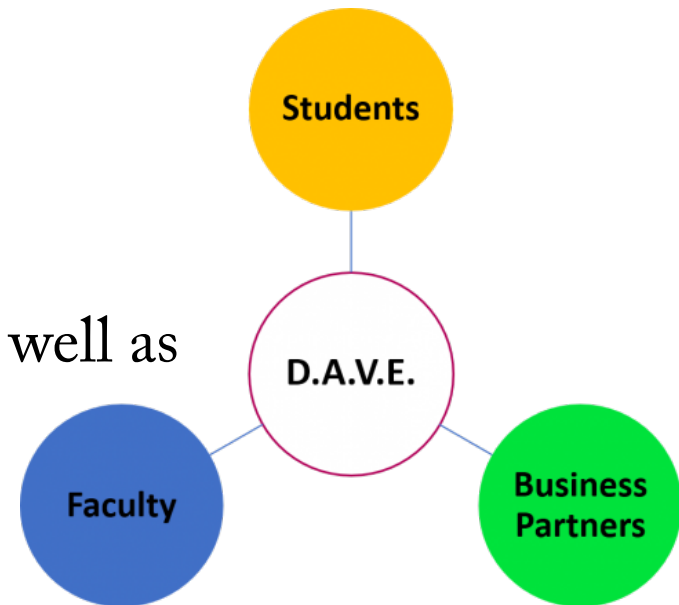
- Currently under construction till July 2015



Rendering. Lab coming in Summer 2015.

# DAVE

- The mission of DAVE is to support **learning** and **collaboration**
- The lab will feature 3x4 video matrix system
- Will provide data storage, analytics, and visualization capabilities
- Will host big data platform
- We welcome collaboration from all departments and units on campus as well as industry partners in our business community!



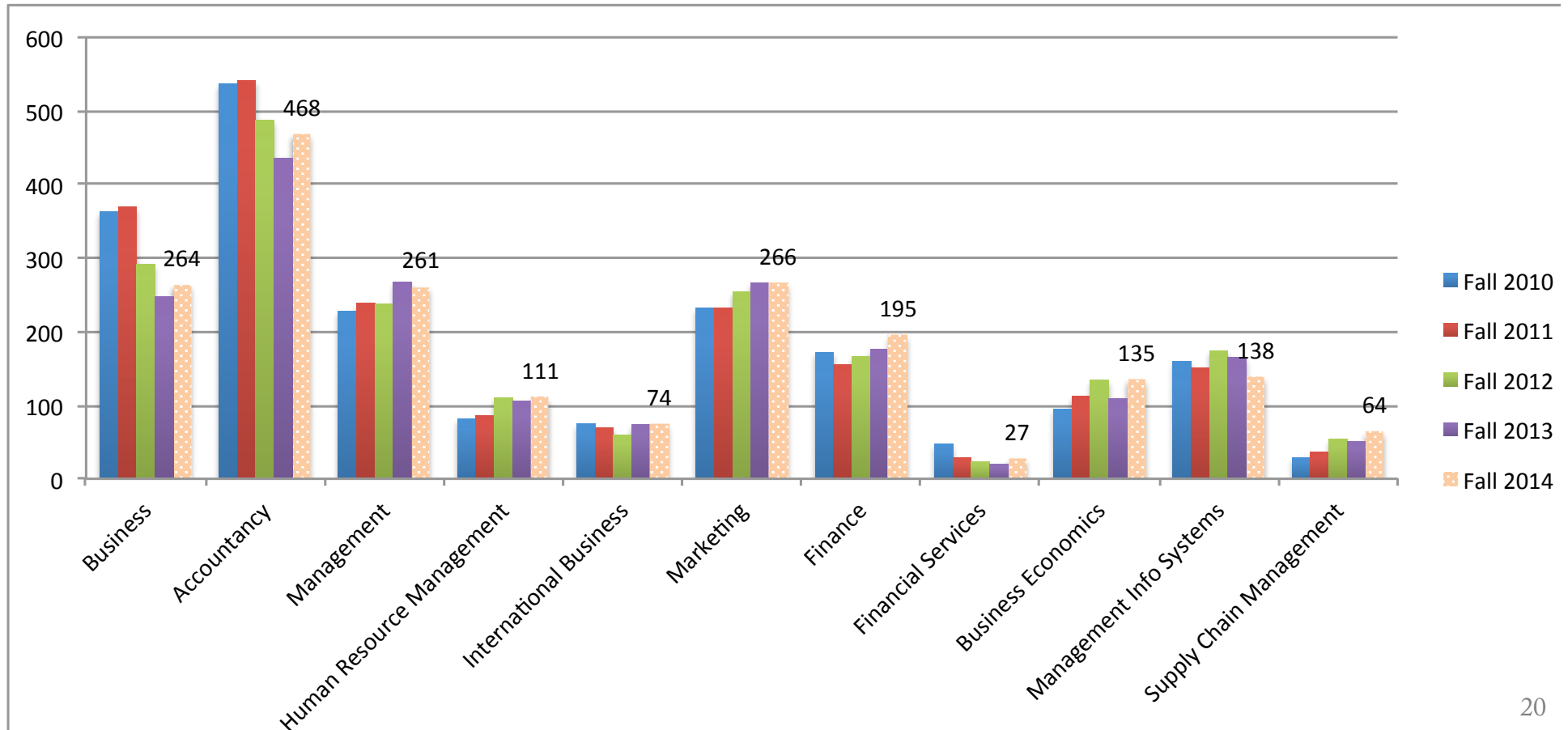




# STUDENTS

# ENROLLMENT - UNDERGRADUATE

- Five year trend of all majors in business (last column F14)
- In Fall 2014, we have **138** MIS major and **64** SCM major including pre- and intended majors
- In Spring 2015, we have **6** MIS minor and **16** SCM minor





# CAPSTONE PROJECTS

- Supply Chain Management



## – The Matrix sponsored by Honda

Project Goal/Value Proposition: Develop a measurement system that: is in alignment with strategy, based on best practice for each measurement type, and is sustainable by the indirect procurement group. In addition, develop a defensible supplier scorecard. This project is expected to facilitate supplier improvement and consolidation.



## – Generator Lead Time Reduction

Regal is the sponsor. Process analysis to identify 15 days improvement in factory lead time. The company flew all seven students on the team to the headquarter for their presentation!

# CAPSTONE PROJECTS

- Management Information Systems
- Total hours on projects **1,880**
  - Standard Register: SharePoint migration & process redesign for the ID access process
  - Lighthouse: tool for test management & testing website for applicant skills exams
  - Shanaz Husein: improving application functionality
  - SpartanTouch: IT service and mobile applications
  - Signing Fiesta: website redesign
  - The Mustard Seed of Dayton: website redesign and CRM implementation
  - WSU Registrar's Office: data analytics of "backed out" students
  - WSU Admissions Office: data analytics on prospective students
  - WSU IDSE: system analysis and design of mobile app
  - WSU ISSCM: CRM solutions for graduate programs



# STUDENT CLUBS

- New Club Presidents 2015-16
  - President of the MIS Club:  
**Joshua Rowland**
  - President of the SCM Club:  
**Christeena Parsons**
- Thank you to our previous presidents  
**Andrew King** and **Nathan Dibble**!





# STUDENT CLUBS

- New officers 2015-16
  - Allen, Tadaejah
  - Almabar, Mazen
  - Almasoudi, Mona
  - Alnemer, Zehra
  - Mangira, Allen "Kip"
  - Money, Zachariah
  - Rowland, Joshua
  - Skrinak, Timothy
  - Sorrell, Aaron
  - Taylor, Shaelyn
  - Wright-knapke, Joseph



# STUDENT CLUBS EVENTS

- Invited speakers from Speedway, Honda, R&L Logistics, CareSource, Standard Register, Crown, and Northrop Grumman
- Networks with top business professionals and discuss job opportunities
- Deep dive business analytics workshop at CareSource
- April Craze, Raider Open House, Wright Brothers Day
- Met with freshman to explain what information systems and supply chain is and how to join the clubs
- Student Town Hall meeting and Student Round Table with the Chair
- Engages the community to promote computer literacy in business
- Connects students from diverse backgrounds



# CAREER PREPARATION

- Students participated in the 2015 **Digital Mixer** job and networking event on Feb 17, 2015
- Over **150** students and **32** companies attended the event







# FACULTY

# FACULTY ACHIEVEMENTS



- Dr. **George Polak** was awarded two semesters of Professional Development Leave for Fall 2015 and Spring 2016



- Dr. **James Hamister** received the 2015 Raj Soin College of Business Service Award
- Dr. James Hamister was elected WSU Faculty Senator



- Dr. **Larry Weinstein** was elected the Chair of the Faculty Executive Committee, RSCoB

# FACULTY ACHIEVEMENTS



- Dr. **Kevin Duffy** received the RSCoB Teaching Award in Fall 2014. Dr. Duffy has been the primary instructor of MIS 3000 and will start co-teaching that course at Sinclair



- Dr. **Anand Jeyaraj** published 9 peer-reviewed articles in the past five years. The GIS and Business Analytics courses became the most popular electives.



- **Valerie Stueland**, Director of Master Programs was designated as one of the 40 Under 40 by Dayton Business Journal in 2014





# FACULTY ACHIEVEMENTS



- Drs. **Daniel Asamoah**, **Derek Doran**, and **Shu Schiller** won a Research Initiation Grant: Assessing the Reliability of Medical Advice Shared on Online Social Media



- Dr. **Greg Kellar**, with Drs. Therese Zink and Lisa Kellar received a Grant: A Mentoring Coalition for an Entire Community: Wright Health Coalition



- New Assistant Professor **Amir Zadeh** from Oklahoma State University will join us in August. Amir's recent publication appeared in DSS: Predicting Overall Survivability in Comorbidity of Cancers: A Data Mining Approach

# FACULTY ACHIEVEMENTS



- Dr. **David Hall** presented three papers at the 2014 DSI Annual Conference and one abstract at the 2015 POMS Conference.



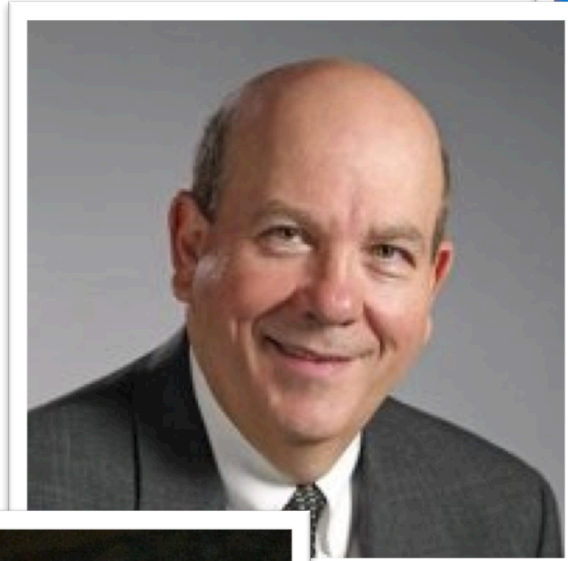
- **Alan Chesen** had another successful year being the Chapter President of the Beta Gamma Sigma organization. The college hosted its 40<sup>th</sup> annual induction ceremony on April 22<sup>nd</sup>, 2015



- Dr. **Shu Schiller** received a faculty mentoring grant to practice strength-based team building

# FACULTY

- Also thank you to all adjunct faculty!
- Kara Brown
- Don Hopkins
- Russ Roysden
- Collin Johnson
- Craig Przybyla
- Lindsay Love
- Jeremy Lutz







# MASTER PROGRAMS



# MASTER STUDENTS

- Fall 2013 Cohorts

- We graduated 17 in the M.IS and 9 in the MSLSCM programs
- Students were hooded on August 29, 2014 at the RSCoB Graduate Program Ceremony

- Spring 2014 Cohorts

- We graduated 13 in the M.IS and 11 in the MSLSCM programs
- Students were hooded on December 19, 2014

- Fall 2014 Cohorts

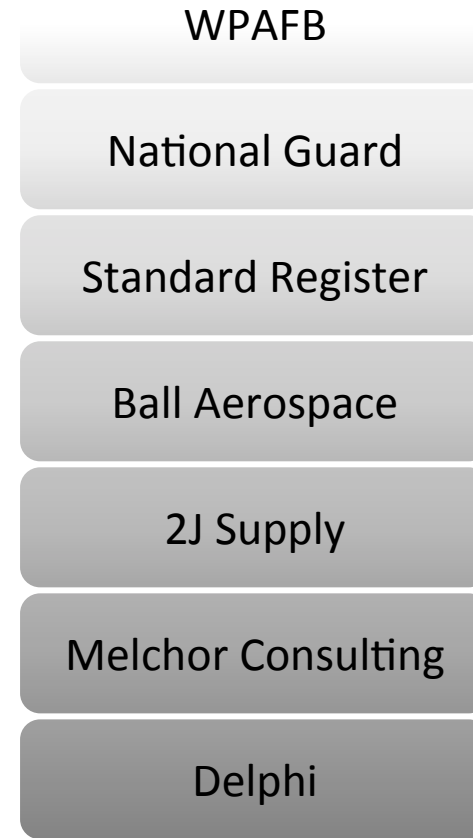
- 22 students began their M.IS and MSLSCM programs on August 21<sup>st</sup> at Orientation

- Fall 2015 Cohorts

- Update on June 11<sup>th</sup>, received 58 applications and accepted 38 students (17 in IS and 21 in LSCM)

# MASTER STUDENTS

- In the 2014-15 school year, our master students came from the leading companies in the Dayton region such as:

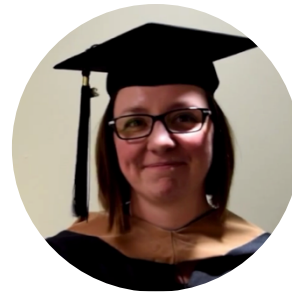


# OUTSTANDING MASTER STUDENTS 2015



- Master of Information Systems student  
**Nathan Seim**

Mr. Nathan Seim works for Wright State University in the Raj Soin College of Business. His capstone project focused on Data Analytics and Visualization Environment Lab.



- M.S. in Logistics & Supply Chain Management student **Karen Hamby**

Ms. Karen Hamby works for the United States Air Force at Wright Patterson Air Force Base. Her capstone project focused on improving the depot source of repair process for commercial system acquisitions.

# NEW MEMBERS TO OUR TEAM



- We welcomed a new Adjunct Faculty member **Jeremy Lutz**, Program Manager at Lexis Nexis to teach the Project Management courses in the master programs.



- Our newest staff member **Rachel Testa** joined the department in October 2014 to help support the master programs.



# PROGRAMS UPDATE

- The M.S. in **Logistics & Supply Chain Management**
  - Each course continues the review and improvement of its content to ensure our delivery matches industry needs
  - Updated the sequence of courses to better support students capstone projects
- Master of **Information Systems**
  - Will start a new course MIS 7910 Data-Driven Businesses & Organizations to be offered Fall 2015
  - Reviewed course content and updated the sequence of courses to better support students capstone projects

# RECRUITING

- Company Visits
  - Lunch & Learn at Standard Register on Jan 25, 2015
- Conferences
  - Technology First's Taste of IT conference on Nov 12, 2014
  - Dayton Security Conference on March 11, 2015
  - AFCEA Technology Luncheon on Jan 29, 2015
  - WPAFB Education Expo on June 19, 2015
- Special Events
  - Discovery Day was held on March 20, 2015, attended by 6 potential students
  - Taste Your Masters was attended by over 22 potential master's students on May 2, 2015



- How to Bring Needs of Business to Classroom
- 1) Educating Students on "Core" Learning Practices Not Applied Theory
  - 2) Bring in Real World Problems as Examples
  - 3) Alumni / Fac Mixers
  - 4) Intership to Deliver Message of Business Back to Classroom  
What business is out there in class?
  - 5) Technical Skills Program

# INDUSTRY CONNECTIONS

# ADVISORY BOARD

- Established the ISSCM Advisory Board with 14 members
- Chaired by Don Hopkins

<b>Donald Hopkins, Retired</b> Prior CIO @NCR, SunGard & IGT Prior VP Global Procurement @SunGard & IGT	Chair 		<b>Dave Hoskins</b> CareSource Director of IT Workflow and Collaboration
<b>Diana Bolden</b> Teradata CIO			<b>Jeff Kyler</b> Siemens PLM Software Global Account Manager
<b>Mikki Clancy</b> Miami Valley Hospital COO			<b>Paul Moorman</b> NewPage Corporation Senior IT Strategist/Architect
<b>Jeff Van Fleet</b> Lighthouse Technology President			<b>Brent Probasco</b> R+L Carriers VP Logistics
<b>Bob Goodman</b> Peerless Technology VP Strategic Sourcing & Programs			<b>Ben Rhinehart</b> Crown Equipment Co. Director of Purchasing & Trade Compliance
<b>Steve Hangen</b> Prior CIO of WinWholesale			<b>Nick Timmerman</b> Midmark, Manager Enterprise Infrastructure
<b>Bill Harris</b> Honda of America Mfg., Inc. Unit Manager & Senior Staff Engineer			<b>Diana Tullio</b> Standard Register CIO



# CONVERSATIONS WITH INDUSTRY

- The ISSCM department had many conversations with our **industry partners** and will continue in the future:
  - Speedway
  - Honda
  - Wright-Patterson Air Force Base
  - CareSource
  - WinWholesale
  - Wright-Patterson Credit Union
  - Dayton Chamber of Commerce & Logistics Association
  - IBM Watson
  - LexisNexis
  - Sinclair
  - WSU units
  - Other technology and supply chain companies

# CONVERSATIONS WITH INDUSTRY

- The department continues our conversation and collaboration with the **Top 100 Dayton Companies** such as:





# OUTLOOK

# GOALS 2015-2016

- **Students**

- Grow undergraduate SCM and MIS majors
- Engage students and clubs
- Enrich learning experiences with applied experiences
- Encourage more internship participation

- **Programs**

- SCM & MIS curriculum update and improvement
- Business Analytics concentration/track/major
- Streamline prerequisites process
- Master programs innovative improvement

- **Faculty Development**

- Increase journal publications in both quality and quantity
- Conduct impactful research
- Strengthen connection with industry and communities